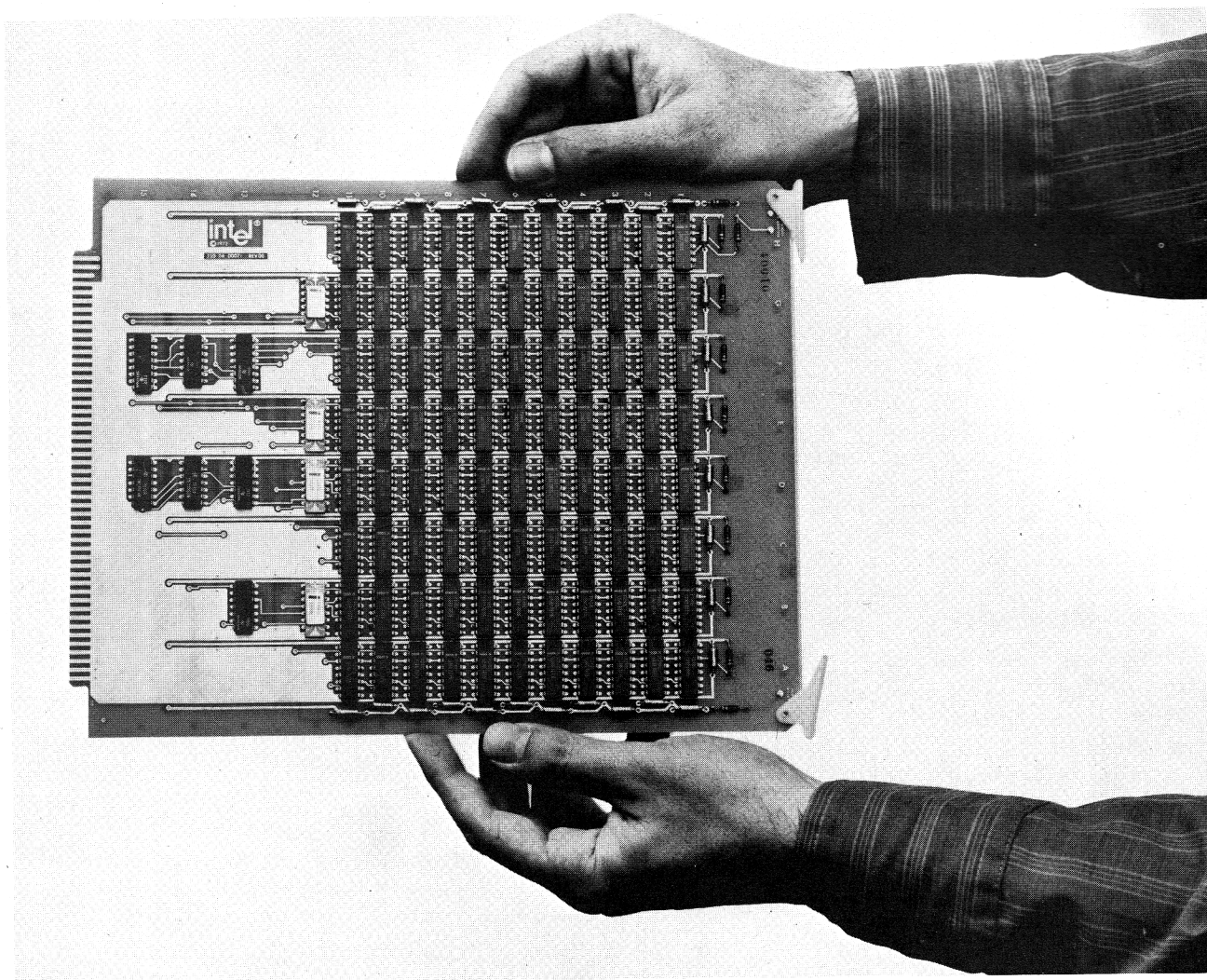


in-62 MEMORY SYSTEM



in-62 SERIES SERIAL MEMORY FEATURES:

- Low Cost Memory
- High Reliability
- Modular Expandability
- Field Expandable
- Only One Power Supply Voltage
- Compact Size
- Adjustable Clocking
- Fully Buffered

The in-62 serial Memory System is designed to meet the high reliability and low cost requirements of large volume storage and CRT refresh applications. The in-62 features the use of a single voltage power supply and MOS N-channel silicon gate technology. This system is available as a self-contained 88k words by 1 bit memory unit. This system is expandable to virtually any size in either word or bit length by the use of additional memory cards. The in-62 features a compact size, high reliability and ease of expansion.

SYSTEM in-62 SPECIFICATIONS**Dimensions:**

8.175 Inches High
10.5 Inches Deep
0.5 Inches Wide

Capacity:

Up to 88,000 words per memory card. Larger sizes are capable by the addition of memory cards.

Word Length:

1 bit per memory card. Longer words are made by combining memory cards.

Clock Rate:

in-62 10MHz to 200kHz

Data Time:

in-62 10MHz to 200kHz

Interface Characteristics:

TTL Compatible

Data Input:

1 line, single ended

Data Output:

3 lines, single ended

(Data Out, Data Out, Reg. Input)

Data Input Control:

2 lines (clock), single ended

(Collect/Recirculate, Clock)

Environment:

Temperature: 0°C to +50°C operating ambient
-40°C to +125°C non-operating

Relative Humidity: Up to 90%
with no condensation

Altitude: 0 to 10,000 feet operating
Up to 50,000 feet non-operating

DC Power Requirement:

+5.0 Volts \pm 5% at 6.0 Amps

Features:

TTL Compatible
1 Voltage Supply
Ease of Expansion
Single Board System
Adjustable Clocking
Single Phase Clocking
Fully Buffered System

Special Options:

Intel also offers the in-62 mounted in a card chassis. This chassis will be wire-wrapped up to whatever size is ordered. This chassis will be able to be mounted in a 19" relay rack.

Intel will also supply a power supply for this system that mounts below the memory chassis. This supply is modular and can supply up to a full card chassis of memory.

A blower assembly is also available for this system. This blower can draw air from the front, back, or below for cooling the memory card chassis.

